Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 06 Oct 2022 until 23:59 on Friday 07 Oct 2022

Forecast Issued on Wednesday 05 Oct 2022 at 13:07

Confidence: High for showery conditions until Friday, also for an improving Saturday. However lower confidence in the details of worst of the conditions in the showers, also for the return to unsettled weather later Sunday.

Headline for Thursday 06 Oct 2022: Turning rather cloudy with occasional showers

Mountain weather hazards on Thursday 06 Oct 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Heavy Rain	Light rain	Light rain
Precipitation probability							
10%	10%	10%	20%	20%	40%	40%	30%

Forecast for Thursday 06 Oct 2022

Weather: Clear then brighter spells mixed with a few isolated light showers overnight and early Thursday morning. Cloud increasing from late morning as showers turn more frequent for the afternoon, perhaps becoming heavy. Showers dwindling during the evening.

Chance of cloud-free hill tops above 800m: Initially 70% in west and 90% in east, becoming for noon 30% in west, 50% in east.

Low cloud and visibility: Good or very good, becoming moderate or poor sporadically in showers, very poor within cloud as bases lower 500m as showers push through, more generally so through the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 06 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 W	24/35 SW	26/37 SW	27/37 SW	27/38 SW	25/36 SW	25/37 SW	27/40 SW	28/42 SW
300	19/29 W	18/29 SW	19/30 SW	21/31 SW	22/34 SW	20/31 SW	19/29 SW	20/33 SW	21/33 SW
Valley	12/28 W	11/27 SW	11/28 SW	13/30 SW	16/33 SW	14/30 SW	13/29 SW	14/32 SW	15/32 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	5/-0	6/1	8/4	11/6	11/7	10/6	10/5	9/5
300	8/4	8/4	8/4	11/7	13/9	13/10	13/9	12/8	12/8
Valley	9/6	8/5	8/6	11/9	14/11	14/11	13/11	12/10	12/9
Freezing Level*	1400m	1300m	1800m	1900m	2200m	2300m	2300m	2100m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 05 Oct 2022	29.4mm	30.6mm	30.8mm

Forecast for Friday 07 Oct 2022

Weather: Showers merging to longer periods of occasionally heavy rain overnight, bringing a risk of thunderstorms. This clears to the southeast during the morning with a mix of brighter spells and showers following.

Maximum wind: Southwest mean 25-30 mph at first with gusts reaching 45-50 mph across most exposed ridges and summits. Winds easing from late morning.

Chance of cloud-free hill tops above 600m: Becoming overnight generally 20-30%, before improving from late morning 90% in east for any given time, but much lower for extended periods given the showery nature of the flow.

Low cloud and visibility: Good or very good becoming moderate or poor in early rain and later showers, also very poor within cloud with bases extensive from 500m at first, also sporadically so as showers push through.

Temperature: **Valleys:** Plus 8 Celsius increasing 19 Celsius during the afternoon
At 600m: Plus 8 Celsius
Freezing level: Above all summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.